



Jill M. Hruby

Jill Hruby is the Vice President of the Energy, Non-Proliferation, and High-consequence Security Division at Sandia National Laboratories, a multiprogram, science-based engineering laboratory located in Albuquerque, New Mexico. With over 1300 employees and contractors, her organization supports Sandia's mission efforts in energy and resource systems research and development; the nuclear fuel cycle, including nuclear power safety and repositories; reducing the global threat of terrorism and the proliferation of weapons of mass destruction; and the protection of nuclear weapons, materials and other vital assets.

Jill also leads Sandia's International, Homeland, and Nuclear Security Strategic Management Unit (SMU). This SMU is responsible for Sandia's homeland security programs, homeland defense and force protection, critical asset protection, and global security (in all, about \$300M in funding). The primary focus of the SMU is nuclear security, biological security, and incident response. Activities include cooperative threat reduction, nuclear and biological nonproliferation, technology support to arms-control activities, nuclear weapon base security, and detection and response to weapons of mass destruction.

Jill started at Sandia in the early 1980s and after a short period working at Lawrence Berkeley National Laboratories, she has been with the Labs for over 29 years. She was previously the director of Homeland Security and Defense Systems at Sandia California. Jill also served as the Director for Materials and Engineering Sciences where she was responsible for materials research and development and microsystem fabrication and performance. Over the course of her Sandia career, she has also been actively engaged with nanoscience research, hydrogen storage, solar energy research, mechanical-component design, thermal analysis, and microfluidics.

Jill is currently serving on the National Academy of Sciences Board of Chemical Science and Technology. She has previously served as an executive board member of the Livermore Chamber of Commerce. She has three patents in microfabrication, an R&D 100 award in solid state radiation detection. In 2008 she received a Purdue University Outstanding Mechanical Engineering Alumni award.

Jill received a bachelor's degree in Mechanical Engineering from Purdue University and a master's degree in Mechanical Engineering from the University of California, Berkeley.